



## **Controls Engineer**

Location: Hernando, MS  
Job Type: Permanent (Full time / M-F / In-Office)  
Benefits: Full benefits package

### **Job Description:**

North American Electric, Inc., an industry leader in Electric Motors, and Motor Controls design and manufacturing, is looking for a Controls Engineer to join our team. In this position you will be responsible for design, detail, and build of motor controls and automation systems. All design work is completed on EPLAN. The ideal candidate will have a thorough knowledge of motor controls and automation systems. This position will report to the Automation & Controls Engineering Manager.

### **Responsibilities include:**

- Lead projects from design through build and engineering for motor controls and automated systems with superior organization.
- Specify hardware components and develop electrical wiring diagrams ensuring the design meets the controls requirements.
- Write function descriptions based on the customer controls requirements.
- Improve and streamline assembly process
- Development, construction, and installation of motor controls, automated machines, systems, and processes including pneumatic and hydraulic systems.
- Provide customer support when needed
- Requisition products and parts for the build
- Engineering support for product assembly and testing
- Travel is not a significant part of the anticipated task load, however some may be required.

### **Qualifications:**

- Knowledge of and familiarity with the National Electric Code (NEC), NFPA79, UL508A, and international codes and safety standards. MTR certification a plus.
- Must have experience using EPLAN and ProPanel (SMART Wiring a plus)
- Experience designing and working with a variety of control systems including PLC's
- Ability to work with plant engineers, external vendors, operators and management to manage projects and assignments.
- Willingness to work with all aspects of a project from initial customer contact, to conceptualization and design, to supporting production and testing.
- Ability to troubleshoot control systems.
- Must have experience with control system networking technologies.
- Strong interpersonal skills and the ability to work in a team environment.
- Ability to work effectively in a fast paced multi-tasking environment.
- Experience in oil and gas, water, wastewater, and irrigation a plus.

### **Education/Experience Required:**

- BS Electrical Engineering from an accredited University or five (5) years' experience in lieu of a degree.
- Proficiency in the use of EPLAN and Microsoft Office is required.
- 2 years minimum in control design for motor controls systems
- 2 years minimum Electrical schematic and panel layout design experience
- Must be familiar with Siemens and Allen Bradley PLC hardware/software, PLC programming is a plus.
- Must have excellent communication skills and strong attention to detail.

**Benefits:**

North American Electric, Inc. offers a competitive compensation package, a comprehensive benefits package and 401K with company match.

Submit resume and cover letter to [HR@naemotors.com](mailto:HR@naemotors.com)